

Books: Electronic Titles from NCBI

A collection of online books from different sources for end user browsing https://www.ncbi.nlm.nih.gov/books/

National Center for Biotechnology Information • National Library of Medicine • National Institutes of Health • Department of Health and Human Services

Scope and Access

The NCBI Books database, also known as Bookshelf, is a searchable collection of online biomedical textbooks and other literature. In addition to some classic biology and medical textbooks and monographs, it also includes books and reports/documents produced by the National Library of Medicine (NLM) and the National Center for Biotechnology Information (NCBI). Currently, the Books database contains over several hundred titles. Contents of the Books database are directly accessible from the Books homepage at: www.ncbi.nlm.nih.gov/books/. Details on how to use the Books database are provided in the Bookshelf

S NCBI Resources
→ How To



help document:

www.ncbi.nlm.nih.gov/books/ NBK3833/

Books Homepage

On the Books homepage, entering a query term and clicking the Search button (A) performs a search against all contents in the database. The Using Bookshelf section (B) contains links to help documents. The complete list of available titles is accessed through the Browse Titles link (C). Specific information for publishers interested in submitting their titles to Books is available through the Authors and Publishers link (D). Titles under the New & Updated and Featured Titles sections link (E) to the Table of Content pages of these titles.

Searching

Searching the entire bookshelf should be started from the Books homepage. The example (right) displays matches found for "mutL homolog" (F), which lists matches organized by titles (G), with section under the "Top results for this book" (H). More topic specific searches can be conducted using

Attribute

Disease

Full Text

ISBN

PMID

Gene Name

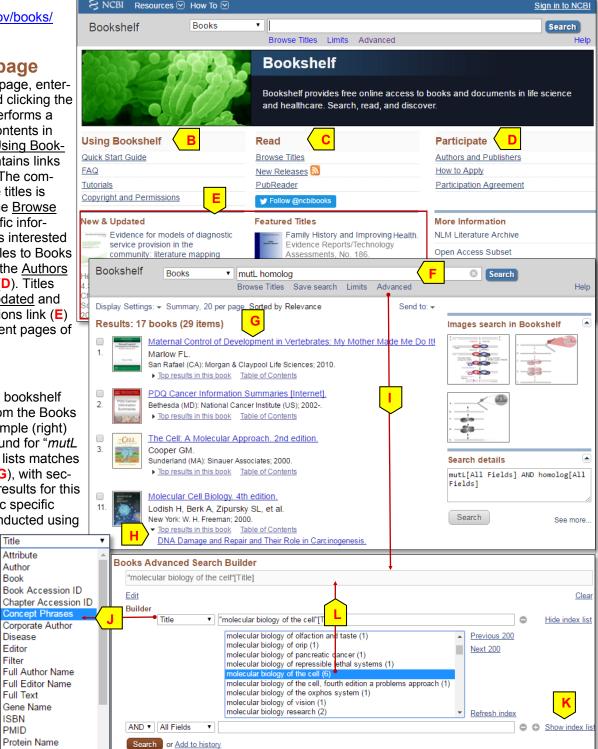
Protein Name

Editor

Filter

Author Book

the Advanced page Title (I). There indexed fields and terms indexed under a field can be selected and viewed using the pull-down menu (J) and the "Show index list" (K), respectivelv. A selected term is entered in the field-limited form automatically (L).



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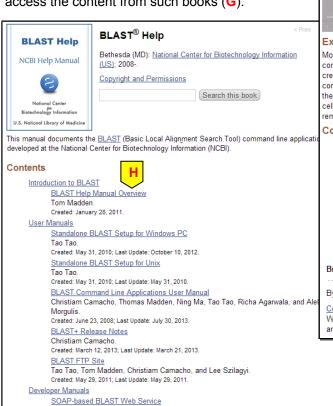
Browsing and Filtering Available Titles Using the Browse Titles Link

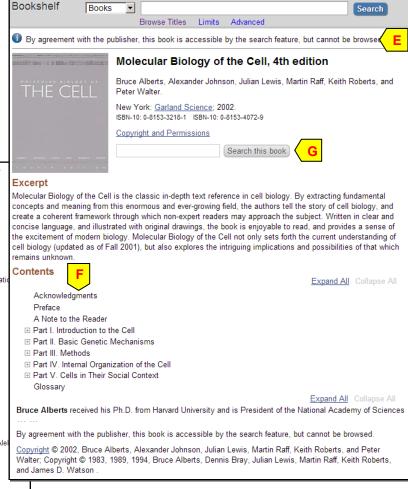
The complete list of available Browse Titles titles is available through the "Browse Titles" page linked from the Books homepage. Here, titles can be narrowed down using a combination of existing filters on Subjects, Types and Publishers (A). Custom terms can also be entered (B) to filter the list of titles to locate more specific entries. Clicking the "More" link (C) brings out the complete list of options for that category. The example (D) is a result from filtering with Book, Cell Biology from all publishers.



Browsing and Searching the Content of a Title

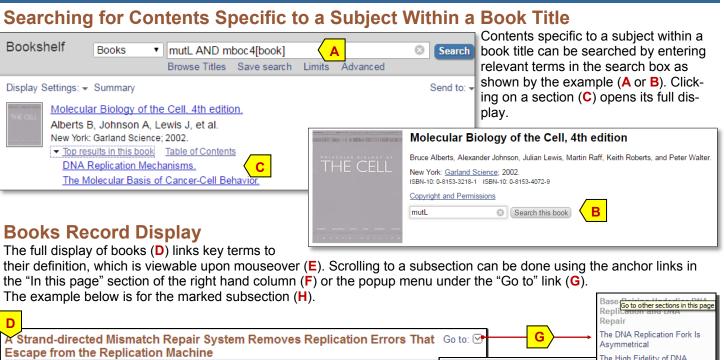
It is often more productive to browse and/or search the contents in a title-specific manner. Clicking a icon or its text title located in the <u>Browse Title</u> page opens the main page for that entry (shown below left). For books with copyright restrictions, a note is placed at the top (E) to indicate that its content cannot be browsed chapter by chapter. Sections for such entries are not linked within the book (F). Searching with terms of interest is the only way to access the content from such books (G).

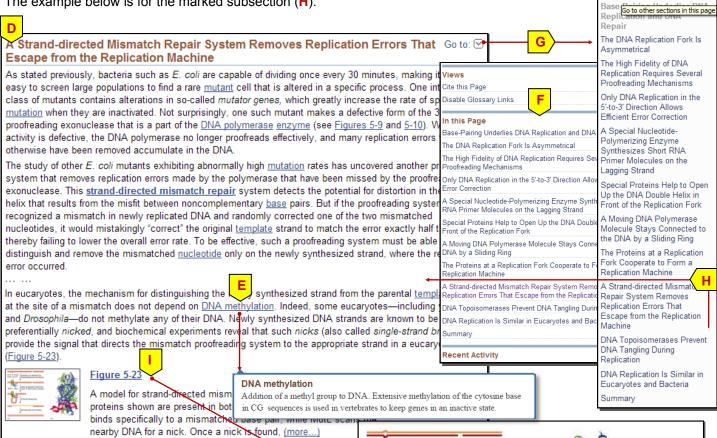




For books without such a restriction, such as the help manuals for different NCBI resources, items under <u>Contents</u> (H) are hyperlinked to the actual chapter/section for browsing within a web browser window.

Christiam Camacho and Tom Madden. Created: March 2, 2011; Last Update: July 15, 2011





To facilitate reading, tables and figures are linked instead being shown within the full display. Clicking a link, such as the one for Figure 5.23 (I), brings out the full figure along with its legend in a popup window shown to the right. error in newly made strand

BINDING OF MISMATCH PROOFREADING PROTEINS

MUIL DIA SCANNING DETECTS NICK IN NEW DNA STRAND

STRAND REMOVAL

REPAIR DNA SYNTHESIS

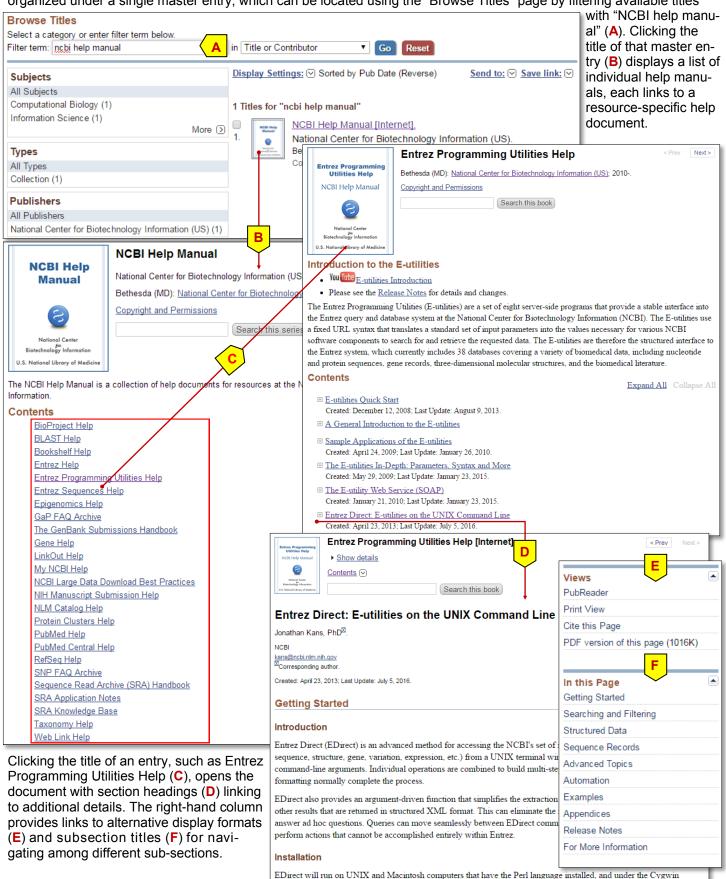
(A) (B)

Figure 5-23 A model for strand-directed mismatch repair in eucaryotes
(A) The two proteins shown are present in both bacteria and eucaryotic cells: MutS binds specifically to a mismatched <u>base pair</u>, while MutL scans the nearby <u>DNA</u> for a nick.

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NCBI Help Manuals from the Books Database

A comprehensive set of help documents on NCBI resources is available through the Books database. The content is organized under a single master entry, which can be located using the "Browse Titles" page by filtering available titles



UNIX-emulation environment on Windows PCs.